



SEQUENCE LISTING

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<120> Receptor Selectivity Mapping

<130> 06695.0003 (9400-8000)

<140> 09/558,232

<141> 2000-04-26

<150> 60/008,660

<151> 1995-12-15

<160> 1

<170> PatentIn version 3.3

<210> 1

<211> 247

<212> PRT

<213> Halobacterium salinarum

<220>

<221> misc_feature

<222> (1)..(1)

<223> Xaa can be any naturally occurring amino acid

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Xaa Ala Gln Ile Thr Gly Arg Pro Glu Trp Ile Trp Leu Ala Leu Gly
1 5 10 15

Thr Ala Leu Met Gly Leu Gly Thr Leu Tyr Phe Leu Val Lys Gly Met
20 25 30

Gly Val Ser Asp Pro Asp Ala Lys Lys Phe Tyr Ala Ile Thr Thr Leu
35 40 45

Val Pro Ala Ile Ala Phe Thr Met Tyr Leu Ser Met Leu Leu Gly Tyr
50 55 60

Gly Leu Thr Met Val Pro Phe Gly Gly Glu Gln Asn Pro Ile Tyr Trp
65 70 75 80

Ala Arg Tyr Ala Asp Trp Leu Phe Thr Thr Pro Leu Leu Leu Asp
85 90 95

Leu Ala Leu Leu Val Asp Ala Asp Gln Gly Thr Ile Leu Ala Leu Val
100 105 110

Gly Ala Asp Gly Ile Met Ile Gly Thr Gly Leu Val Gly Ala Leu Thr
115 120 125

Lys Val Tyr Ser Tyr Arg Phe Val Trp Trp Ala Ile Ser Thr Ala Ala
130 135 140

Met Leu Tyr Ile Leu Tyr Val Leu Phe Phe Gly Phe Thr Ser Lys Ala
145 150 155 160

Glu Ser Met Arg Pro Glu Val Ala Ser Thr Phe Lys Val Leu Arg Asn
165 170 175

Val Thr Val Val Leu Trp Ser Ala Tyr Pro Val Val Trp Leu Ile Gly
180 185 190

Ser Glu Gly Ala Gly Ile Val Pro Leu Asn Ile Glu Thr Leu Leu Phe
195 200 205

Met Val Leu Asp Val Ser Ala Lys Val Gly Phe Gly Leu Ile Leu Leu
210 215 220

Arg Ser Arg Ala Ile Phe Gly Glu Ala Glu Ala Pro Glu Pro Ser Ala
225 230 235 240

Asp Gly Ala Ala Ala Thr Ser
245